

Converting Colors

HunterLab(57.3665, 40.8063,
-123.0097)

Have a look what the booklet for
HunterLab(57.3665, 40.8063,
-123.0097) contains.

HunterLab(53.2258, 21.0465, -72.2208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(53.2258, 21.0465,
-72.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	7587FF
RGB	117, 135, 255
RGB Percent	46%, 53%, 100%
CMY	0.5412, 0.4706, 0.0000
CMYK	0.54, 0.47, 0.00, 0.00
HSL	232°, 100%, 73%
HSV	232°, 54%, 100%
XYZ	34.0501, 28.3299, 98.2813
YIQ	143.2980, -49.2480, 33.5040

Conversions

Conversions Part 2

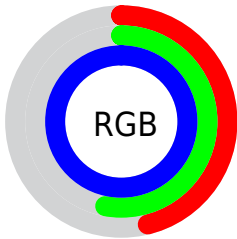
Format	Color
RYB	117, 133, 255
Decimal	7702527
CIELab	60.19, 26.72, -61.93
CIElCh	60, 67.450, 293.342
Yxy	28.3307, 0.2119, 0.1763
Android (android.graphics.Color)	4285892607 (0xFF7587FF)
YUV	143.2980, 55.0691, -23.0633
Hunter-Lab	53.2258, 21.0465, -72.2208

Details

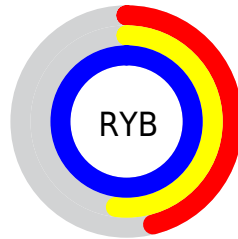
The HunterLab color **53.2258, 21.0465, -72.2208** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **91.1679, -13.2144, 44.9996**, and the grayscale version is **52.3307, -2.7922, 2.8432**.

A 20% lighter version of the original color is **72.4800, 6.5539, -32.6143**, and **33.7500, 19.0602, -71.6667** is the 20% darker color. If you saturate the color by 10%, you get **46.0886, 28.9513, -92.8002**, and if you desaturate by 10%, it is **60.9830, 14.3986, -54.1517**.

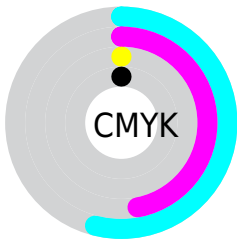
Distribution



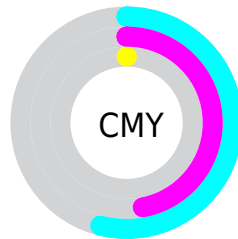
- Red (46%)
- Green (53%)
- Blue (100%)



- Red (46%)
- Yellow (52%)
- Blue (100%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.2258, 21.0465, -72.2208 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 53.2258, 21.0465, -72.2208 by changing the saturation by 10% instead.

■ 53.2258, 21.0465,
-72.2208

■ 53.2258, 21.0465,
-72.2208

171.4771, 24.6330,
-79.0785

■ 43.0989, 20.2324,
-71.9845

■ 75.5063, 22.3706,
-73.4303

■ 33.7100, 19.2989,
-72.2703

■ 87.5823, 22.8998,
-74.2075

■ 25.1237, 18.2316,
-73.5320

■ 100.2411, 23.3511,
-75.0290

■ 17.4233, 17.0159,
-76.7954

113.4571, 23.7309,
-75.8661

■ 10.7257, 15.6546,
-84.8640

127.2077, 24.0447,
-76.7000

■ 1.4364, 80.9985,
-406.3443

141.4729, 24.2970,

0.0000, NaN, -NF

-77.5184

0.0000, NaN, -NF

156.2348, 24.4920,
-78.3131

0.0000, NaN, -NF

■ 53.2258, 21.0465,
-72.2208

■ 53.2258, 21.0465,
-72.2208

■ 46.0886, 28.9513,
-92.8002

■ 60.9830, 14.3986,
-54.1517

■ 39.7508, 38.2460,
-115.9474

■ 69.2290, 8.7756,
-38.2129

■ 34.4580, 48.6954,
-140.7009

■ 77.8736, 3.9591,
-23.9761

■ 30.4948, 59.2310,
-164.1149

■ 86.8513, -0.2298,
-11.0717

■ 28.8475, 64.6137,
-175.5393

■ 96.1142, -3.9297,
0.7956

100.0000, -5.3358,
5.4332

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.2266, -9.1424, -81.0531



53.2258, 21.0465, -72.2208



53.2266, 49.5548, -39.3851

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.2266, 21.0470, -72.2187



53.2266, 34.6199, 30.2705



53.2266, -47.6033, 8.6767

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.2258, 21.0465, -72.2208



91.1679, -13.2144, 44.9996

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.2266, -40.5302, 25.8018



53.2258, 21.0465, -72.2208



53.2266, 3.7640, 33.2168

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.2266, 21.0470, -72.2187



53.2266, 58.4883, 19.8924



53.2266, -23.1444, 32.1854



53.2266, -44.9040, -22.6318

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.2258, 21.0465, -72.2208



53.2266, 61.6444, -14.6201



53.2266, -23.1444, 32.1854



53.2266, -46.3501, 15.9473

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.2266, 21.0470, -72.2187



85.1359, 0.5187, -13.4169



90.2183, -42.4845, 2.3950



38.5266, 0.6277, -7.4125

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.2266, 21.0470, -72.2187



45.4924, 29.7175, -94.7495



53.1278, 43.0200, -72.0910



42.1419, -0.9204, -2.5384



21.1312, 45.6160, -124.8840



7.4013, 11.3713, -33.7983

Inverse Universe

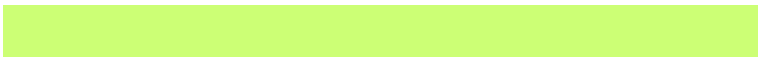
The Inverse Universe completely reimagines the original color for something new.



59.7775, 50.5918, 14.9850



54.3977, 61.3096, 18.2442



92.5737, -38.6311, 45.5871



42.4566, 1.8229, 2.9432



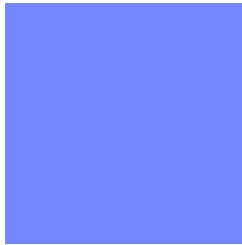
33.4346, 57.4669, 19.9834



10.4873, 18.1336, 5.4301

Previews

White Background



This preview shows how the HunterLab color 53.2258, 21.0465, -72.2208 looks on a white background.

Color Contrast Check

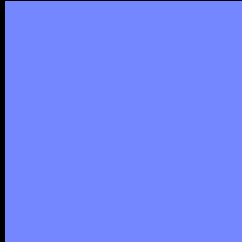
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 53.2258, 21.0465, -72.2208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

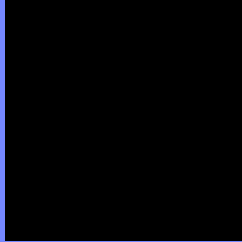
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 53.2258, 21.0465, -72.2208 Background



This preview shows how black text looks on a background with the HunterLab color 53.2258, 21.0465, -72.2208.



This preview shows how white text looks on a background with the HunterLab color 53.2258, 21.0465, -72.2208.

-72.2208.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.2258, 21.0465, -72.2208

Protanopia

53.3797, 13.2223, -71.9591

Deuteranopia

53.2900, 5.3047, -69.5346



Tritanopia

53.1491, -17.0188, -8.8738

Trichromacy



Original Color

53.2258, 21.0465, -72.2208

Protanomaly

53.2865, 15.7453, -72.1560

Deuteranomaly

52.9694, 10.2347, -71.1986

Tritanomaly

52.8122, -4.7300, -28.8861

Monochromacy



Original Color

53.2258, 21.0465, -72.2208

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

52.2352, 3.7970, -19.2183

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.2258, 21.0465, -72.2208 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(117, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 135, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(117, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 135, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 53.2258, 21.0465, -72.2208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

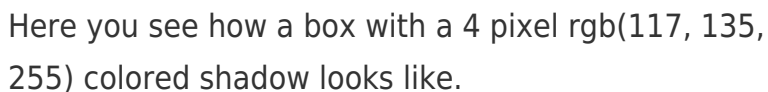
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 135, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(117, 135, 255) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(117, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 135,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.2258, 21.0465, -72.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 135, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(117,  
135, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor